

REMARKS

Claims 32 to 121 have been added. Claims 36, 40, 45, 49, 57, 64, 74, 81, 89, 97, 104, and 112 are generally directed dynamically changing bandwidth allocation by varying compression ratio. Claims 33, 34, 35, 37, 38, 39, 41, 42, 43, 46, 47, 48, 50, 51, 52, 58, 59, 60, 65, 66, 67, 75, 76, 77, 82, 83, 84, 90, 91, 92, 98, 99, 100, 105, 106, 107, 113, 114, and 115 are generally directed to dynamically changing the bandwidth allocation based on an amount of changes over time in at least one program. Claim 44 is generally directed to dynamically varying bandwidth. Support for claims 33-52, 57-60, 64-67, 74-77, 81-84, 89-92, 97-100, 104-107, and 112-115 is found for example on page 33, lines 13-23.

Claims 53, 54, 79, 80, 86, 102, 103, and 109 are generally directed to a system for allocating bandwidth according to category. Claim 55 is generally directed to dynamically varying the bandwidth for a category of programs. Claim 56, 85, and 108 are generally directed to dynamically changing bandwidth by varying the number of selected programs within at least one category. Support for claims 53-56, 79-80, 85-86, 102-103, and 108-109 is found for example on page 78, line 26 to page 79, line 10.

Claims 61-63 are generally directed to a computer assisted packaging system. Claims 68-71 are generally directed to the use of databases with the computer assisted packaging system. Support for claims 61-63 and 68-71 is found for example on page 31, line 1 to page 32, line 21; page 39, line 16 to page 40, line 21; and in Figures 4 and 5.

Claims 72, 73, 78, 95, 96, and 101 are generally directed to the use of a computer assisted packaging system to allocate bandwidth. Claims 87, 88, 93, 110, 111, and 116 are generally directed to allocating bandwidth by assigning priority levels. Claims 94 and 117 are generally directed to appending a header to programs. Claim 118 is generally directed to the use of a cable headend to receive programs according to assigned headers. Claim 119 is generally directed to assigning priority levels to transponders. Claim 120 is generally directed to use of at least one cable headend which receives programs from at least one transponder according to priority levels. Claim 121 is generally directed to use of at least one cable headend which receives programs from transponders according to priority. Support for claims 72-73, 78, 87-88, 93, 94-96, 101, 110-111, and 116-121 is located throughout the specification and is found, for example, on page 74, line 20 to page 79, line 10.

A check in the amount of \$2,636 is enclosed to cover the fee for additional claims over the number covered by the filing fee of the continuation and the fee paid for additional claims. Commissioner is hereby authorized to charge any additional fees caused by this filing and grant of this amendment to Deposit Account Number 14-1425. A duplicate copy of this Amendment is enclosed for that purpose.

No substantive changes are being made and no new information is being provided by this amendment. Favorable consideration is requested.

Respectfully submitted,
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